EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5656449").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:36
L2	684	(546/152).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:36
L3	2494	quinolinium	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:36
L4	33	2 and 3	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:40
L5	84	546/270.1	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:46
L6	72	546/271.7	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:45
L7	135	546/273.4	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:45
L8	153	4 5 6	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:46
L9	357	(546/271.7).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:47
L10	477	(546/270.1).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:47
L11	393	(546/273.4).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:47

EAST Search History

| L12	2	("0091011").PN.	USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/08 14:48
L13	891	9 10 11	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:48
L14	31775	pyridinium	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:48
L15	117	13 and 14	USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/08 14:49

```
=> str 11
:dis
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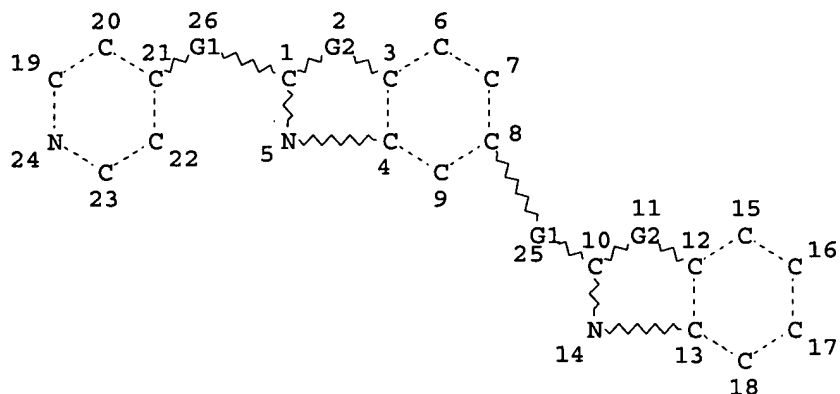


```
REP G1=(0-5) C
VAR G2=O/S/N
:bon r 19 u
ODD NUMBER OF NODES
An even number of nodes must be specified.  Enter "HELP BOND" for more
information.
:bon r u 19 20,dis
```
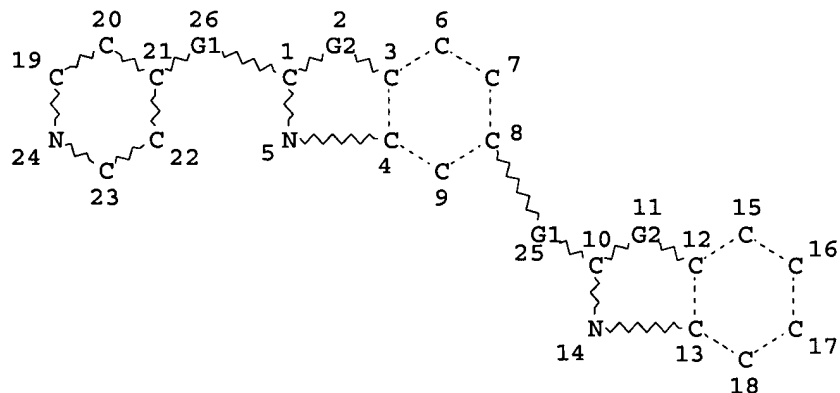


```
REP G1=(0-5) C
VAR G2=O/S/N
:end
L3     STRUCTURE CREATED

=> s 13
SAMPLE SEARCH INITIATED 13:39:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      408 TO ITERATE

100.0% PROCESSED      408 ITERATIONS                         0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE   **COMPLETE**
                         BATCH    **COMPLETE**
PROJECTED ITERATIONS:         6949 TO       9371
PROJECTED ANSWERS:               0 TO          0

L4             0 SEA SSS SAM L3

=> s 13 ful
FULL SEARCH INITIATED 13:39:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     8384 TO ITERATE
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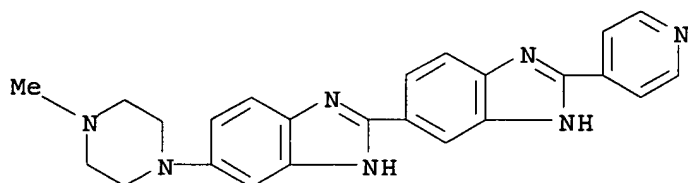L5   1 SEA SSS FUL L3

=> d sub bib abs

L5   ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN   308362-22-3 REGISTRY
ED   Entered STN: 14 Dec 2000
CN   2,5'-Bi-1H-benzimidazole, 5-(4-methyl-1-piperazinyl)-2'-(4-pyridinyl)-
      (9CI) (CA INDEX NAME)
FS   3D CONCORD
MF   C24 H23 N7
SR   CA
LC   STN Files: CA, CAPLUS, CASREACT

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

                  2 REFERENCES IN FILE CA (1907 TO DATE)
                  2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

AN   139:101070 CA
TI   Synthesis of 2,5'-bisbenzimidazole derivative
AU   Xia, Min
CS   Department of Applied Chemistry, Zhejiang Institute of Science and
      Technology, Hangzhou, 310033, Peop. Rep. China
SO   Huaxue Tongbao (2003), 66(3), 207-209
      CODEN: HHTPAU; ISSN: 0441-3776
PB   Huaxue Tongbao Bianjibu
DT   Journal
LA   Chinese
AB   A novel method of preparation of
5-[5-(4-methyl-1-piperazinvyl)-1H-benzimidazol-
      2-yl]-2-(4-pyridinyl)-1H-benzimidazole by using the Schiff's base of
      diamine derivs. with (diacetoxy)iodobenzene as oxidant was reported. The
      operation.was readily preformed in one-pot with good yields under very
      mild conditions.

REFERENCE 2

AN   134:4894 CA
TI   Synthetic utility of catalytic Fe(III)/Fe(II) redox cycling towards fused
      heterocycles: a facile access to substituted benzimidazole,
      bis-benzimidazole and imidazopyridine derivatives
AU   Singh, Malvinder P.; Sasmal, Sanjita; Lu, Wei; Chatterjee, Manashi N.
CS   Department of Chemistry, University of Saskatchewan, Saskatoon, SK, S7N
      5C9, Can.
SO   Synthesis (2000), (10), 1380-1390
      CODEN: SYNTBF; ISSN: 0039-7881

PB   Georg Thieme Verlag
DT   Journal
LA   English
AB   A catalytic Fe(III)/Fe(II) redox cycling approach was examined and applied
      towards synthesis of a wide range of benzimidazoles, bibenzimidazoles, and
      imidazopyridines from oxidative coupling of aromatic ortho-diamines with
      aromatic as well as heterocyclic aldehydes bearing different types of
      substituents. This versatile and convenient method has further proven to
      be particularly useful in expeditiously affording a number of novel
      bibenzimidazole class of Hoechst 33258 analogs towards potential
      development as fluorescent nucleic-acid-binding probes. The successful
      preparation and characterization of a diverse set of thirty different compds.
      is presented here.
RE.CNT   62   THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> fil beil
FILE 'BEILSTEIN' ENTERED AT 13:40:11 ON 08 MAY 2006
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FILE LAST UPDATED ON MARCH 15, 2006

FILE COVERS 1771 TO 2006.
*** FILE CONTAINS 9,516,393 SUBSTANCES ***

>>>PLEASE NOTE: Reaction Data and substance data are stored in
   separate documents and can not be searched together in one query.
   Reaction data for BEILSTEIN compounds may be displayed
   immediately with the display codes PRE (preparations) and REA
   (reactions). A substance answer set retrieved after the search
   for a chemical name, a compounds with available reaction
   information by combining with PRE/FA, REA/FA or more generally